

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-15 (canceled).

16. (New) An antenna amplifier, comprising:

an input for connecting to an antenna;
an output for connecting to a receiver;
an arrangement for providing signal-level matching between the input and the output; and

a narrow-band filter situated between the input and the arrangement for providing signal-level matching, wherein a pass frequency of the narrow-band filter is configured to be tuned to a receive channel of the receiver.

17. (New) The antenna amplifier as recited in Claim 16, wherein the pass frequency of the narrow-band filter is tuned via a tuning signal that is generated by the receiver and applied to a control terminal of the antenna amplifier.

18. (New) The antenna amplifier as recited in Claim 16, wherein the pass frequency of the narrow-band filter is tuned via a tuning signal that is generated by the receiver and applied to the output of the antenna amplifier.

19. (New) The antenna amplifier as recited in Claim 18, wherein the tuning signal applied to the output of the antenna amplifier is evaluated in the antenna amplifier, and

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wherein the tuning signal is one of a d.c. voltage, an analog amplitude-modulated signal, an analog frequency-modulated signal, an analog pulse-width-modulated signal, and a digital data stream.

20. (New) The antenna amplifier as recited in Claim 18, further comprising:

a device for one of splitting up and filtering out signal components of a received signal at the output of the antenna amplifier.

21. (New) The antenna amplifier as recited in Claim 18, wherein a supply voltage for the antenna amplifier is applied to the output of the antenna amplifier.

22. (New) The antenna amplifier as recited in Claim 20, wherein the device for one of splitting up and filtering out signal components of the received signal includes a storage unit for storing tuning information.

23. (New) The antenna amplifier as recited in Claim 18, wherein further control signals are applied to one of a control terminal of the antenna amplifier and the output of the antenna amplifier.

24. (New) The antenna amplifier as recited in Claim 23, further comprising:

a return-signal generating unit for generating a return signal that is applied to one of the control terminal and the output.

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25. (New) The antenna amplifier as recited in Claim 23, wherein responses to the further control signals occur at defined moments, wherein the responses include a switchover to previously stored tuning information.

26. (New) A receiver, comprising:

a means for generating at least one of a tuning signal and additional control signals for an antenna amplifier, wherein the antenna amplifier includes:

an input for connecting to an antenna;

an output for connecting to a receiver;

an arrangement for providing signal-level matching between the input and the output; and

a narrow-band filter situated between the input and the arrangement for providing signal-level matching, wherein a pass frequency of the narrow-band filter is configured to be tuned to a receive channel of the receiver.

27. (New) The receiver as recited in Claim 26, wherein the means for generating the at least one of a tuning signal and additional control signals includes a module, and wherein an input of the module is connected to one of a microcontroller and an internal tuning signal, and wherein the tuning signal is applied to an output of the module in a form suitable for transmission to the antenna amplifier.

28. (New) The receiver as recited in Claim 26, further comprising:

means for at least one of detecting and evaluating information signals which are generated by the antenna amplifier and are transmitted in addition to radio signals.

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29. (New) A receiving system of a motor vehicle, comprising:
an antenna amplifier, wherein the antenna amplifier
includes:

- an input for connecting to an antenna;
- an output for connecting to a receiver;
- an arrangement for providing signal-level matching
between the input and the output; and

- a narrow-band filter situated between the input and
the arrangement for providing signal-level matching,
wherein a pass frequency of the narrow-band filter is
configured to be tuned to a receive channel of the
receiver; and

- a means for generating at least one of a tuning signal
and additional control signals for the antenna amplifier.

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